

## MARITIME PREVENTIVE RADIOLOGICAL NUCLEAR DETECTION TEAM

<b>DESCRIPTION</b>	A team composed of maritime public safety personnel from various backgrounds that detects radiological and nuclear materials.		
<b>RESOURCE CATEGORY</b>	Prevention	<b>RESOURCE KIND</b>	Team with personnel and equipment components
<b>OVERALL FUNCTION</b>	<p>The team:</p> <ol style="list-style-type: none"> <li>1. Uses Preventive Radiological Nuclear Detection (PRND) tools and training to detect nuclear and radiological material out of regulatory control in the maritime environment</li> <li>2. Supports Primary Screening, Secondary Inspection, and Wide Area Search</li> <li>3. Is not capable of handling interdiction and other law enforcement PRND missions unless the team has assigned, sworn law enforcement personnel</li> </ol>	<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. Discuss logistics for this team (such as security, lodging, transportation, and meals) prior to deployment</li> <li>2. The requestor may request the boat with or without a boat operator, if requested without a boat operator, the requestor should provide one</li> <li>3. Teams work up to 12 hours per shift, are self-sustained for 72 hours, and are deployable up to 14 days</li> <li>4. Teams are scalable by type, based upon the needs of the event</li> <li>5. Requestor should specify if law enforcement capabilities are necessary</li> <li>6. Requestor may order additional PRND Team Operators, but should ensure a span of control consistent with the Incident Command System (ICS)</li> </ol>

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/MEASURE	CAPABILITY				
Team	Per Team	Detection and Identification	Same as Type 2, PLUS: Advanced Wide Area Search	Same as Type 3, PLUS: Secondary Inspection	Primary Screening	Not Applicable
			<b>NOTES:</b> 1. Primary Screening includes the screening of maritime vessels and cargo containers on the vessel or in port facilities. 2. Secondary Inspection operations occur when an alarm sounds during primary screening. 3. Advanced Wide Area Search consists the screening of cargo seaports of entry and port facilities.			
Personnel	Per Team	Minimum	Same as Type 2	Same as Type 3	3	Not Applicable
			<b>NOTES:</b> Not Specified			
Personnel	Per Team	Management and Oversight	Same as Type 2	Same as Type 3	1 - National Incident Management System (NIMS) Type 2 PRND Team Leader	Not Applicable
			<b>NOTES:</b> Requestor should specify NIMS Type 1 PRND Team Leader if law enforcement capability is necessary.			
Personnel	Per Team	Detection Operations	Same as Type 2	Same as Type 3	2 - NIMS Type 2 PRND Team Operator	Not Applicable
			<b>NOTES:</b> Requestor should specify NIMS Type 1 PRND Team Operator if law enforcement capability is necessary.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment (Vehicle and Specialized Equipment)	Per Team	Transportation	Same as Type 2	Same as Type 3	1 - Boat	Not Applicable
			<b>NOTES:</b> The Agency Having Jurisdiction (AHJ) should verify the boat type prior to deployment.			
Equipment (Vehicle and Specialized Equipment)	Per Team	Radiation Detector	Same as Type 2, PLUS: 1 - NIMS Type 1 or Type 2 Human Portable Radiation Detector or 1 - NIMS Type 1 or Type 2 Vehicle Mounted Detection System	Same as Type 3	2 - Type 1 or Type 2 Personal Radiation Detector (PRD)	Not Applicable
			<b>NOTES:</b> Teams operating with only PRDs should have established access to a Radio-Isotope Identification Device (RIID) for secondary screening.			
Equipment (Vehicle and Specialized Equipment)	Per Team	High Range Radiation Detector	1 - Radiation Survey Meter	Not Specified	Not Specified	Not Applicable
			<b>NOTES:</b> The Radiation Survey Meter is not a NIMS typed resource.			
Equipment (Vehicle and Specialized Equipment)	Per Team	Isotope Identification	Same as Type 2	1 - NIMS Type 1 or Type 2 RIID	Not Specified	Not Applicable
			<b>NOTES:</b> Not Specified			
Equipment (Communications)	Per Team	Communication	Same as Type 2	Same as Type 3, PLUS: Laptop with aircard or satellite phone	2-way hand-held radio	Not Applicable
			<b>NOTES:</b> Not Specified			

**Superseded**



## REFERENCES

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1. FEMA, NIMS 509-6: Preventive Radiological Nuclear Detection Team Leader
2. FEMA, NIMS 509-6: Preventive Radiological Nuclear Detection Team Operator
3. FEMA, NIMS 508-6: Personal Radiation Detector
4. FEMA, NIMS 508-6: Radio-Isotope Identification Device
5. FEMA, NIMS 508-6: Human Portable Radiation Detector Backpack
6. FEMA, NIMS 508-6: Vehicle Mounted Radiological Nuclear Detection System

## NOTES

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Nationally typed resources represent the minimum criteria for the associated component and capability.

Superseded